DOCUMENT RESUME

ED 465 555 SE 066 217

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TITLE	Children's Mathematics: Cognitively Guided Instruction.
INSTITUTION	National Council of Teachers of Mathematics, Inc., Reston, VA.
SPONS AGENCY	National Science Foundation, Arlington, VA.
ISBN	ISBN-0-325-00137-5
PUB DATE	1999-00-00
NOTE	112p.; Videotapes, which do not accompany the book and CD-ROMs, are available from: Wisconsin Center for Education Research, Center Document Service, Room 242, 1025 W. Johnson St., Madison, WI 53706. Tel: 608-265-9698.
CONTRACT	MDR-8955346; MDR-8550236
AVAILABLE FROM	Heinemann, 361 Hanover Street, Portsmouth, NH 03801-3912 ($24.50). Tel: 603-431-7894; Web site: http://www.heinemann.com.
PUB TYPE	Books (010) -- Guides - Non-Classroom (055)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	*Cognitive Processes; *Concept Formation; *Educational Strategies; Elementary Education; Mathematics Curriculum; *Mathematics Instruction; Numbers; Numeracy; *Teaching Methods
IDENTIFIERS	*Cognitively Guided Instruction; Mathematical Thinking

ABSTRACT

This book, with accompanying CD-ROMs, was written to help readers understand children's intuitive mathematical thinking and use that knowledge to help children learn mathematics with understanding. Based on more than twenty years of research, this book portrays the development of children's understanding of basic number concepts. Detailed explanations and numerous examples of the problem-solving and computational processes that virtually all children use as their numerical thinking develops are included. There is also a description of how classrooms can be organized to foster that development. The accompanying CD-ROMs provide a look at students and teachers in real classrooms implementing the teaching and learning strategies described in the text. (MM)

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